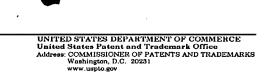


United States Patent and Trademark Office



Γ	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	07/649,342	02/01/1991	HUGHES B. DE THE	03495-0059-0	5919
	22852	7590 05/07/2002	•		
		•	ABOW, GARRETT &	EXAMINER	
	DUNNER LLP 1300 I STREET, NW			ULM, JOHN D	
		ON, DC 20005			
				ART UNIT	PAPER NUMBER
				1646	
			·	DATE MAILED: 05/07/2002	42

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

Applicant(s)

07/649,342

De The et al.

Examiner

John Ulm

Art Unit 1646

	The MAILING DATE of this communication appears	on the cover sheet with the	ne correspondence address			
Period	for Reply					
	ORTENED STATUTORY PERIOD FOR REPLY IS SET WAILING DATE OF THIS COMMUNICATION.	TO EXPIRE3	MONTH(S) FROM			
- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.						
- If the	period for reply specified above is less than thirty (30) days considered timely.	s, a reply within the statutory	• •			
	period for reply is specified above, the maximum statutory ommunication.	period will apply and will exp	rire SIX (6) MONTHS from the mailing date of this			
- Any i	re to reply within the set or extended period for reply will, by reply received by the Office later than three months after the rned patent term adjustment. See 37 CFR 1.704(b).	y statute, cause the applicati e mailing date of this commu	on to become ABANDONED (35 U.S.C. § 133). nication, even if timely filed, may reduce any			
Status						
1) 🗌	Responsive to communication(s) filed on					
2a) 💢	This action is FINAL . 2b) This act	tion is non-final.				
3) 🗆	3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11; 453 O.G. 213.					
Disposi	tion of Claims					
4) 🗶	Claim(s) 58 and 60-98		is/are pending in the application.			
4	a) Of the above, claim(s) <u>58</u>		is/are withdrawn from consideration.			
5) 💢	Claim(s) 60-76 and 79-98		is/are allowed.			
6) 🗆	Claim(s)		is/are rejected.			
7) 💢	Claim(s) <u>77 and 78</u>		is/are objected to.			
8) 🗆	Claims are subject to restriction and/or election requirement.					
Applica	tion Papers					
9) 🗆	The specification is objected to by the Examiner.					
10)	☐ The drawing(s) filed on is/are objected to by the Examiner.					
11)	The proposed drawing correction filed on	is: a)□ ap	proved b)□ disapproved.			
12) 🗌	The oath or declaration is objected to by the Exam	iner.				
Priority	under 35 U.S.C. § 119					
13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).						
a)	☐ All b)☐ Some* c)☐ None of:					
	1. \square Certified copies of the priority documents have	ve been received.				
	2. \square Certified copies of the priority documents hav	ve been received in Applie	cation No			
	3. Copies of the certified copies of the priority depolication from the International Bure	au (PCT Rule 17.2(a)).	•			
14) 🗆	ee the attached detailed Office action for a list of th Acknowledgement is made of a claim for domestic					
17,00	Acknowledgement is made of a claim for domestic	phonty under 35 U.S.C.	3 119(e).			
Attachm						
	otice of References Cited (PTO-892)		413) Paper No(s)			
	otice of Draftsperson's Patent Drawing Review (PTO-948) formation Disclosure Statement(s) (PTO-1449) Paper No(s).	19) Notice of Informal Patent A	Application (PTO-152)			
, "		20) Other:				

1) The period of suspension set in Paper Number 41 has expired and prosecution is hereby resumed.

- 2) Claims 58 and 60 to 98 are pending in the instant application. Claim 58 stands withdrawn from further consideration pursuant to 37 C.F.R. 1.142(b) as drawn to a non-elected invention.
- 3) Any objection or rejection of record which is not expressly repeated in this action has been overcome by Applicant's response and withdrawn.
- 4) The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
 - 5) Claims 60 to 76 and 79 to 98 are allowable as written.
- 6) Claims 77 and 78 are objected to under 37 CFR 1.75© as being in improper form because a multiple dependent claim must depend from other claims in the alternative only. See MPEP § 608.01(n). Accordingly, the claims have not been further treated on the merits.
- 7) Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

Art Unit: 1646

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John D. Ulm whose telephone number is (703) 308-4008. The examiner can normally be reached on Monday through Friday from 9:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yvonne Eyler can be reached at (703) 308-6564.

Official papers filed by fax should be directed to (703) 308-4242 or (703) 872-9306. Official responses under 37 C.F.R. § 1.116 should be directed to (703) 872-9307.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0196.

PRIMARY EXAMINER
GROUP 1800